



5840 11-249 71 15

≹lectronic Version v18 Stylesheet Version v18.0

> Title of Invention

METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE

Application Number:

09/841800

Confirmation Number:

6810

First Named Applicant:

Maximilian Biberger

8 7

Attorney Docket Number:

Search string:

(20030008238 or 20030008518 or

20030013311 or 20030036023 or

20030047533).pn.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030008238	2003-01-09	Goldfarb et al.	A1		
	2	20030008518	2003-01-09	Chang et al.	A1		·
	3	20030013311	2003-01-16	Chang et al.	A1		
	4	20030036023	2003-02-20	Moreau et al.	A1		
	5	20030047533	2003-03-13	Reid et al.	A1		

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 5 out of a total of 5 electronic filings. Fee has been paid in previous electronic filing.

Examiner Name	Date



EFS ID:

50641

Application ID:

09841800

METHOD OF DEPOSITING METAL

FILM AND METAL DEPOSITION

Title of Invention:

CLUSTER TOOL INCLUDING

SUPERCRITICAL

DRYING/CLEANING MODULE

First Named Inventor:

Maximilian Biberger

Domestic/Foreign Application:

Domestic Application

Filing Date:

2001-04-24

Effective Receipt Date:

2003-11-14

Submission Type:

Information Disclosure

Statement

Filing Type:

Confirmation number:

6810

Attorney Docket Number:

NONE

Total Fees Authorized:

Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and

Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US Certificate Message Digest: 5c78476998b592f7bfeed1f564a76021c8631fe7



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Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE

Application Number:

09/841800

Date:

2001-04-24

First Named Applicant:

Maximilian A. Biberger

8 2003

Confirmation Number:

6810

Attorney Docket Number:

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Submitted by:	Elec. Sign.	Sign. Capacity
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

Documents being submitted

Files

us-ids

SSI02001E-usidst.xml

us-ids.dtd

us-ids.xsl

Comments



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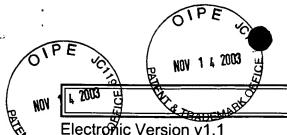
Attorney Docket Number:

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Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and

Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US Certificate Message Digest: c713f845058f71ed871f061c2541d47f84af349a



TRANSMITTAL

Electronic Version v1.1

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Maximilian A. Biberger

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Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

TRADElectronic Version v18 Stylesheet Version v18.0

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Search string:

(6251250 or 6255732 or 6270531 or 6270948 or 6277753 or 6284558 or 6286231 or 6306564 or 6331487 or 6344243 or 6358673 or 6361696 or 6367491 or 6380105 or 6425956 or 6436824 or 6454945 or 6458494 or 6461967 or 6485895 or 6486078 or 6486282 or 6492090 or 6500605 or 6558475 or 6562146 or 20010019857 or 20010024247 or 20010041455 or 20010041458 or 20020001929 or 20020055323 or

20020074289 or 20020081533 or 20020088477

or 20020098680 or 20020106867 or

20020112740 or 20020112746 or 20020115022

or 20020117391 or 20020123229 or

20020127844 or 20020132192 or 20020141925

or 20020142595 or 20020150522 or

20030003762).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6251250	2001-06-26	Keigler	B1		i
	2	6255732	2001-07-03	Yokoyama et al.	B1 `		
	3	6270531	2001-08-07	DeYoung et al.	B1		
	4	6270948	2001-08-07	Sato et al.	B1		
	5	6277753	2001-08-21	Mullee et al.	B1		
	6	6284558	2001-09-04	Sakamoto	B1		
	7	6286231	2001-09-11	Bergman et al.	B1		- '-
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8	6306564	2001-10-23	Mullee	B1
9	6331487	2001-12-18	Koch	B1
10	6344243	2002-02-05	McClain et al.	B1
11	6358673	2002-03-19	Namatsu	B1
12	6361696	2002-03-26	Spiegelman et al.	B1
13	6367491	2002-04-09	Marshall et al.	B1
14	6380105	2002-04-30	Smith et al.	B1
15	6425956	2002-07-30	Cotte et al.	B1
16	6436824	2002-08-20	Chooi et al.	B1
17	6454945	2002-09-24	Weigl et al.	B1
18	6458494	2002-10-01	Song et al.	B1
19	6461967	2002-10-08	Wu et al.	B1
20	6485895	2002-11-26	Choi et al.	B1
21	6486078	2002-11-26	Rangarajan et al.	B1
22	6486282	2002-11-26	Dammel et al.	B1
23	6492090	2002-12-10	Nishi et al.	B1
24	6500605	2002-12-31	Mullee et al.	B1
25	6558475	2003-05-06	Jur et al.	B1
26	6562146	2003-05-13	DeYoung et al.	B1

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20010019857	2001-09-06	Yokoyama et al	A1		
	2	20010024247	2001-09-27	Nakata	A1		
	3	20010041455	2001-11-15	Yun et al.	A1		
	4	20010041458	2001-11-15	lkakura et al.	A1		
	5	20020001929	2002-01-03	Biberger et al.	A1		
	6	20020055323	2002-05-09	McClain et al.	A1		
	7	20020074289	2002-06-20	Sateria et al.	A1		
	8	20020081533	2002-06-27	Simons et al.	A1		
	9	20020088477	2002-07-11	Cotte et al.	A1		
	10	20020098680	2002-07-25	Goldstein et al.	A1		
	11	20020106867	2001-09-27	Yang et al.	A1		
	12	20020112740	2002-08-22	DeYoung et al.	A1		
		, I					

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13	20020112746	2002-08-22	DeYoung et al.	A1
14	20020115022	2002-08-22	Messick et al.	A1
15	20020117391	2002-08-29	Beam	A1
16	20020123229	2002-09-05	Ono et al.	A1
17	20020127844	2002-09-12	Grill et al.	A1
18	20020132192	2002-09-19	Namatsu	A1
19	20020141925	2002-10-03	Wong et al.	A1
 20	20020142595	2002-10-03	Chiou	A1
21	20020150522	2002-10-17	Heim et al.	A1
22	20030003762	2003-01-02	Cotte et al.	A1

Remarks

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Examiner Name	Date



EFS ID:

50639

Application ID:

09841800

METHOD OF DEPOSITING METAL

FILM AND METAL DEPOSITION

Title of Invention:

CLUSTER TOOL INCLUDING

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DRYING/CLEANING MODULE

First Named Inventor:

Maximilian Biberger

Domestic/Foreign Application:

Domestic Application

Filing Date:

2001-04-24

Effective Receipt Date:

2003-11-14

Submission Type:

Information Disclosure

Statement

Filing Type:

Confirmation number:

6810

Attorney Docket Number:

NONE

Total Fees Authorized:

Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and

Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US Certificate Message Digest: 91323bd5ba13a7ecfc1ed25c1d3139fdb0da1f4b

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Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE

Application Number:

09/841800

Date:

2001-04-24

First Named Applicant:

Maximilian A. Biberger

Confirmation Number:

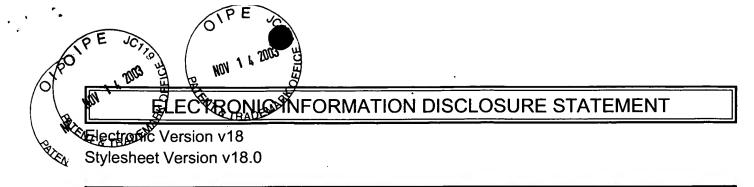
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Attorney Docket Number:

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Files SSI02001C-u us-ids.dtd us-ids.xsl	POY 18 2003	
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Title of Invention METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE

Application Number:

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First Named Applicant:

Maximilian Biberger

Attorney Docket Number:

Search string:

(5807607 or 5847443 or 5872061 or 5893756 or 5896870 or 5904737 or 5992680 or 5994696 or 6001133 or 6005226 or 6037277 or 6063714 or 6099619 or 6100198 or 6128830 or 6140252 or 6171645 or 6200943 or 6216364 or 6224774 or 6228826 or 6232238 or 6232417 or

6239038).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5807607	1998-09-15	Smith et al.			
	2	5847443	1998-12-08	Cho et al.			
	3	5872061	1999-02-16	Lee et al.			
	4	5893756	1999-04-13	Berman et al.			
	5	5896870	1999-04-27	Huynh et al.			
	6	5904737	1999-05-18	Preston et al.			
	7	5992680	1999-11-30	Smith			
	8	5994696	1999-11-30	Tai et al.			
	9	6001133	1999-12-14	DeYoung et al.			
	10	6005226	1999-12-21	Aschner et al.			
	11	6037277	2000-03-14	Masakara et al.		•	
	12	6063714	2000-05-16	Smith et al.	Ť		
	13	6099619	2000-08-08	Lansbarkis et al.			
	14	6100198	2000-08-08	Grieger et al.			

	·				,
	15	6128830	2000-10-10	Bettcher et al.	
	16	6140252	2000-10-31	Cho et al.	
	17	6171645	2001-01-09	Smith et al.	B1
	18	6200943	2001-03-13	Romack et al.	B1
	19	6216364	2001-04-17	Tanaka et al.	B1
	20	6224774	2001-05-01	DeSimone et al.	B1
	21	6228826	2001-05-08	DeYoung et al.	B1
	22	6232238	2001-05-15	Chang et al.	B1
	23	6232417	2001-05-15	Rhodes et al.	B1
	24	6239038	2001-05-29	Wen	B1

Remarks

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EFS ID:

50638

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09841800

METHOD OF DEPOSITING METAL

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CLUSTER TOOL INCLUDING

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DRYING/CLEANING MODULE

First Named Inventor:

Maximilian Biberger

Domestic/Foreign Application:

Domestic Application

Filing Date:

2001-04-24

Effective Receipt Date:

2003-11-14

Submission Type:

Information Disclosure

Statement

Filing Type:

Confirmation number:

6810

Attorney Docket Number:

NONE

Total Fees Authorized:

Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and

Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

Certificate Message Digest: bc1eef00b4710f022e50a9a0cbb3ee2e45359392

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TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE

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Maximilian A. Biberger

Confirmation Number:

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Submitted by:	Elec. Sign.	Sign. Capacity
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

Documents being submitted

Files

us-ids

SSI02001B-usidst.xml

us-ids.dtd

us-ids.xsl

Comments

NIN , MIL BRECH

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Sectronic Version v18
Stylesheet Version v18.0

Title of Invention

METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE

Application Number:

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Maximilian Biberger

Attorney Docket Number:

Search string:

(5370741 or 5714299 or 5725987 or 5736425

or 5766367).pn.



Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5370741	1994-12-06	Bergman			
	2	5714299	1998-02-03	Combes et al.			
	3	5725987	1998-03-10	Combes et al.			
	4	5736425	1998-04-07	Smith et al.			
	5	5766367	1998-06-16	Smith et al.			

Remarks

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Examiner Name	Date		



EFS ID:

50637

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09841800

METHOD OF DEPOSITING METAL

FILM AND METAL DEPOSITION

Title of Invention:

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First Named Inventor:

Maximilian Biberger

Domestic/Foreign Application:

Domestic Application

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2001-04-24

Effective Receipt Date:

2003-11-14

Submission Type:

Information Disclosure

Statement

Filing Type:

Confirmation number:

6810

Attorney Docket Number:

NONE

Total Fees Authorized:

180.0

Payment Category:

Deposit Account

Deposit Account Number:

81275

Deposit Account Name:

Thomas B. Haverstock

Access Code:

RAM Payment Status:

RAM success

RAM User ID:

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RAM Accounting Date:

2003-11-14

RAM Sequence Number:

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Waxiiiiiaii A. Diberg

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Files

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Maximilian A. Biberger

Attorney Docket Number:

TOTAL FEE AUTHORIZED \$180

Patent fees are subject to annual revisions on or about October 1st of each year.

BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

AUTHORIZED BILLING INFORMATION

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Access Code

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Haverstock and Owens LLP

Deposit authorized name: Thomas B. Haverstock

Signature:

/tbh/

Date (YYYYMMDD):

2003-11-14

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

APP ID=09841800

Electronic Version v08 Stylesheet Version v08.0

FEE TRANSMITTAL

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Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

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Deposit authorized name: Thomas B. Haverstock

Signature:

/tbh/

Date (YYYYMMDD):

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Attorney Docket Number:

Search string:

(2439689 or 4349415 or 4925790 or 5071485

or 5196134 or 5269850 or 5285352 or

5320742).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	2439689	1948-04-13	Hyde et al.]		
	2	4349415	1982-09-14	DeFilippi et al.]		REC
	3	4925790	1990-05-15	Blanch et al.]		OEI V 18
	4	5071485	1991-12-10	Matthews et al.]		\blacksquare
	5	5196134	1993-03-23	Jackson			2003 CD3
	6	5269850	1993-12-14	Jackson]		
	7	5285352	1994-02-08	Pastore et al.			
	8	5320742	1994-06-14	Fletcher et al.			

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APP_ID=09841800 Page 2 of 2